

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	43866	(pore or porous or column or hole) same (aluminum or alumina) same (silicon or silicon\$2oxide or sio2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 17:53
L2	1754	(pore or porous or column or hole) with (forming or making) with (aluminum or alumina) same (silicon or silicon\$2oxide or sio2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 17:53
L3	1010	2 and (semiconductor or thermoelectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 17:54
L4	1282	(pore or porous or column or hole) with (forming or making) with (aluminum or alumina) with (silicon or silicon\$2oxide or sio2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 17:54
L5	683	3 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 17:54
L6	27	5 and eutectic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 17:54
L7	375	(aluminum or alumina) with (silica or silicon near1 \$2oxide or germania or germanium oxide) with eutectic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 18:10

L8	54	(aluminum or alumina) with (silica or silicon near1 \$2oxide or germania or germanium oxide) with eutectic same (pore or porous or column or hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 18:10
L9	50251	(aluminum or alumina) with (silica or silicon near1 \$2oxide or germania or germanium oxide) same (pore or porous or column or hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 18:17
L10	3496	(aluminum or alumina) with (silica or silicon near1 \$2oxide or germania or germanium oxide) same ((fill\$3 or introduc\$3) with (pore or porous or column or hole))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 18:17
L11	527	10 and (semiconductor or thermoelectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 18:18
L12	115	10 and (semiconductor or thermoelectric) and ((aluminum or alumina) with (sputter\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 18:18
S1	0	"2003175472"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:10
S2	0	"2003 175472"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:10
S3	32	"175472"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:10
S4	38	fukutani near1 kazuhiko.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:11
S5	1	S4 and thermoelectric	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:13
S6	6577	136/200-242.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:14
S7	347	S6 and column\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:15
S8	40	S7 and (pore or porous)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:15
S9	291	S6 and matrix	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:16
S10	49	S9 and (pore or porous)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:17

S11	15	("20020109134"   "20020117659"   "20020130311"   "20020170590"   "20030020060"   "20030089899"   "20030099279"   "20030175472"   "20040033339"   "20040043208"   "20050048264"   "20060112466"   "6231744"   "6359288"   "6846546").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:24
S12	14	S11 and (semiconductor or thermoelectric)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:26
S13	26459	(silicon or germanium or si or ge) with (pore or porous or columnlar)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:35
S14	10728	S13 and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:35
S15	224	S14 and thermoelectric	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:35
S16	3894	(silicon or germanium or si or ge) with (pore or porous or columnlar) and ((pore or porous or columnlar) with (nm or nanometer))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:39
S17	58	S16 and thermoelectric	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:39
S18	12	S12 and oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/27 19:43
S19	22	"6301039"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 15:09
S20	3403	matrix same (silicon or germanium) oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 19:23
S21	6	S20 and 136/200-242.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 19:23
S22	46091	(matrix or pore or porous) with (silica or sio or geo)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 19:29
S23	17	S22 and 136/200-242.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 19:29
S24	5	("2002/0170590").URPN.	USPAT	ADJ	ON	2009/04/28 19:34
S25	93	("2002/0130311").URPN.	USPAT	ADJ	ON	2009/04/28 19:35
S26	0	columlar same grow\$3 same semiconductor same silica	USPAT	ADJ	ON	2009/04/28 19:39

S27	0	columnlar same grow\$3 same semiconductor same silica	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:40
S28	0	columnlar same grow\$3 same semiconductor same silica	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:40
S29	1	columnar same grow\$3 same semiconductor same silica	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:40
S30	653	grow\$3 same semiconductor same silica	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:40
S31	337	S30 and (pore or porous or column\$3 or matrix)	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:41
S32	173	S30 and ((pore or porous or column\$3 or matrix) same silica)	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:41
S33	6	S32 and thermoelectric	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:41
S34	1	S32 and (nano near1 wire)	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:43
S35	21	S30 and ((pore or porous or column\$3) same matrix same silica)	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:44
S36	16	silica with anodized alumina	US-PGPUB; USPAT	ADJ	ON	2009/04/28 19:47
S37	2	(nano near1 wire) same framework	US-PGPUB; USPAT	ADJ	ON	2009/04/28 20:05
S38	46	(nano near1 wire) same (mold or template)	US-PGPUB; USPAT	ADJ	ON	2009/04/28 20:05
S39	9	S38 and silica	US-PGPUB; USPAT	ADJ	ON	2009/04/28 20:05
S40	24	("2004/0005258").URPN.	USPAT	ADJ	ON	2009/04/29 14:44
S41	26246	(channel) same (mold or template)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:45
S42	5967	S41 and wire	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:46
S43	1594	S42 and (thermoelectric or semiconductor)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:46
S44	0	(channel) wit (mold or template)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:46
S45	16105	(channel) with (mold or template)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:46
S46	941	S42 and S43 and S45	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:46
S47	48	S41 and (nano with wire)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:47
S48	28	S46 and S47	US-PGPUB; USPAT	ADJ	ON	2009/04/29 14:47

S49	1	(thermoelectric) and ((template or mold) with nano with (pore or porous))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/29 18:04
S50	0	("2005/0255315").URPN.	USPAT	ADJ	ON	2009/04/29 18:06
S51	23	anodized alumina with (silica or germanium oxide or silicon oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/29 18:07
S52	7	"977".clas. and anodized alumina and silica	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:16
S53	1762	"977".clas. and (template or mold)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:16
S54	67	"977".clas. and ((template or mold) with silica)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:16
S55	21	S54 and wire	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:16
S56	54	("4472533"   "5693207").PN. OR ("6129901").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/29 18:21
S57	54	"977".clas. and anodic oxidation	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:43
S58	33	S57 and (silica or silicon oxide or germanium oxide or sio or geo)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:44
S59	8172	(silica or silicon oxide or sio) with (germania or germanium oxide or geo)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:56
S60	111	S59 and thermoelectric	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:56
S61	16	S60 and nano	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:56
S62	8172	(silica or silicon oxide or sio) with (germania or "germanium oxide" or geo)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:58
S63	8172	(silica or silicon oxide or sio) with (germania or germanium near oxide or geo)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:58
S64	8172	(silica or silicon oxide or sio) with ("germania" or germanium near oxide or geo)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:59
S65	3851	(silica or silicon oxide or sio) with (germani\$1 or germanium near oxide or geo)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:59
S66	20	S65 and S60	US-PGPUB; USPAT	ADJ	ON	2009/04/29 18:59

S67	4851	silica with "germania"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/30 21:11
S68	77	S67 and thermoelectric	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/30 21:11
S69	0	silica with "germani\$1"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/30 21:11
S70	1384	silica with germani\$1	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/30 21:12
S71	6	S70 and thermoelectric	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/30 21:12
S72	221	silica with germani\$1	EPO; JPO; DERWENT	ADJ	ON	2009/04/30 21:13
S73	74	S72 and (thermoelectric or semiconductor)	EPO; JPO; DERWENT	ADJ	ON	2009/04/30 21:14
S74	0	S72 and (thermoelectric)	EPO; JPO; DERWENT	ADJ	ON	2009/04/30 21:14
S75	87	S70 and (template or mold)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/30 21:15
S76	1605	silica with germani\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/04 14:40
S77	6	S76 and thermoelectric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/04 14:41
S78	27	silica with germani\$1 with (similar or propert\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/04 14:41
S79	22	silica with germani\$1 with (characteristics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/04 15:08
S80	150807	(silica or silicon or germanium or sio2 or sige or geo2) with (column or matrix)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:01
S81	152262	(silica or silicon or germanium or sio2 or sige or geo2) with (column\$3 or matrix)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:01

S82	548	S81 and thermoelectric	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:01
S83	159	S82 and alumina	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:01
S84	14331	(silica or silicon or germanium or sio2 or sige or geo2) with (column\$3 or matrix) with (aluminum or alumina)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:01
S85	109	S82 and S84	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:01
S86	27	S85 and sputter\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:02
S87	150	S82 and sputter\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:02
S88	128	S82 and sputter\$3 and (pore or porous or hole or nano?wire)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:03
S89	59835	(silica or silicon or germanium or sio2 or sige or geo2) with (mix or mixture or blend or matrix) with (aluminum or alumina or al2o3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:13
S90	420	(silica or silicon or germanium or sio2 or sige or geo2) with (mix or mixture or blend or matrix) with (aluminum or alumina or al2o3) same eutectic	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:13
S91	26	((silica or silicon or germanium or sio2 or sige or geo2) with (mix or mixture or blend or matrix) with (aluminum or alumina or al2o3) same eutectic) and (sputter\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:13
S92	6	("20020127844"   "20040048092"   "20050079719"   "20050196950"   "5869880"   "6433432"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:22
S93	0	S92 and thermoelectric	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/11 16:22
S94	16751	(aluminum or alumina) and (silicon or silica or silicon \$2oxide) and (column or pore or porous)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/11 16:41
S95	1067	S94 and (thermoelectric or semiconductor)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/11 16:42

S96	50	S95 and sputter\$3	FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/11 16:42
S97	0	03/078687	FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/11 16:46
S98	2	"03078687"	FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/11 16:46
S99	184964	(fukutani or miyata or kuriyama or ogawa or okura).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 16:47
S100	8611	S99 and (pore or porous or column\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 16:48
S101	466	S99 and ((pore or porous or column\$3) with (aluminum or silicon))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 16:48
S102	181	S99 and ((pore or porous or column\$3) with (aluminum or silicon)) and (semiconductor or thermoelectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 16:49
S103	18	("20020048092"   "20030043208"   "20030175472"   "4710348"   "6334939"   "6410170"   "7001669"   "7183127"   "7192510"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/11 17:09

**EAST Search History (Interference)**

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